




## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	Model for Neurodegenerative Diseases Involving Amyloid Accumulation																																																																																																																					
<div>Application Number: 09/961381 </div> <div>Confirmation Number: 7154</div> <div>First Named Applicant: Gary Lynch</div> <div>Attorney Docket Number: 1891.0040001</div> <div>Art Unit: 1632</div> <div>Examiner: Deborah Crouch</div> <div>Search string: ( 4366241 or 4376110 or 4517288 or 4837168 or 5010175 or 5464764 or 5539083 or 5627059 or 5767337 or 5830678 or 5877399 or 6046381 or 6120991 or 20020048746 ).pn.</div> <div><h3>US Patent Documents</h3><p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p><table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td>dc</td><td>1</td><td>4366241</td><td>1982-12-28</td><td>Tom et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>2</td><td>4376110</td><td>1983-03-08</td><td>David et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>3</td><td>4517288</td><td>1985-05-14</td><td>Giegel et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>4</td><td>4837168</td><td>1989-06-06</td><td>de Jaeger et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>5</td><td>5010175</td><td>1991-04-23</td><td>Rutter et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>6</td><td>5464764</td><td>1995-11-07</td><td>Capecchi et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>7</td><td>5539083</td><td>1996-07-23</td><td>Cook et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>8</td><td>5627059</td><td>1997-05-06</td><td>Capecchi et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>9</td><td>5767337</td><td>1998-06-16</td><td>Roses et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>10</td><td>5830678</td><td>1998-11-03</td><td>Carter</td><td></td><td></td><td></td></tr><tr><td></td><td>11</td><td>5877399</td><td>1999-03-02</td><td>Hsiao et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>12</td><td>6046381</td><td>2000-04-04</td><td>Mucke et al.</td><td></td><td></td><td></td></tr><tr><td>dc</td><td>13</td><td>6120991</td><td>2000-09-19</td><td>Carter et al.</td><td></td><td></td><td></td></tr></tbody></table><div><h3>US Published Applications</h3></div></div>							init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass	dc	1	4366241	1982-12-28	Tom et al.					2	4376110	1983-03-08	David et al.					3	4517288	1985-05-14	Giegel et al.					4	4837168	1989-06-06	de Jaeger et al.					5	5010175	1991-04-23	Rutter et al.					6	5464764	1995-11-07	Capecchi et al.					7	5539083	1996-07-23	Cook et al.					8	5627059	1997-05-06	Capecchi et al.					9	5767337	1998-06-16	Roses et al.					10	5830678	1998-11-03	Carter					11	5877399	1999-03-02	Hsiao et al.					12	6046381	2000-04-04	Mucke et al.				dc	13	6120991	2000-09-19	Carter et al.			
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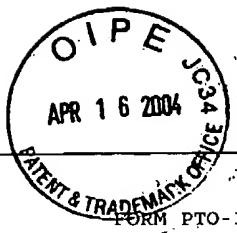


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init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
<i>h</i>	1	20020048746	2002-04-25	Lynch et al.			

Signature

Examiner Name	Date
<i>Deborah Crenshaw</i>	<i>June 28, 2004</i>



FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1819.0040001/MAC/LBB	APPLICATION NO. 09/961,381
	APPLICANT Lynch et al.	
	FILING DATE September 25, 2001	GROUP 1632

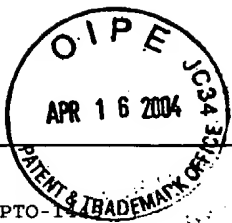
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
dc	AL1	WO 92/00091 A1	01/09/1992	WIPO	/	/	Yes No
dc	AM1	WO 93/20242 A1	10/14/1993	WIPO	/	/	Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
dc	AR	1	Akiyama, H., et al., "Inflammation and Alzheimer's disease," <i>Neurobiol. Aging</i> 21:383-421, Elsevier Science (May-June 2000)
dc	AS	1	Backstrom, J.R., et al., "Matrix Metalloproteinase-9 (MMP-9) Is Synthesized in Neurons of the Human Hippocampus and Is Capable of Degrading the Amyloid- $\beta$ Peptide (1-40)," <i>J. Neurosci.</i> 16:7910-7919, Society for Neuroscience (1996)
dc	AT	1	Bahr, B.A., et al., "Stable Maintenance of Glutamate Receptors and Other Synaptic Components in Long-Term Hippocampal Slices," <i>Hippocampus</i> 5:425-439, Wiley-Liss (1995)

EXAMINER <i>Deborah Cronch</i>	DATE CONSIDERED <i>6-28-04</i>
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	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

dc	AR	2	Bahr, B.A., et al., "Amyloid $\beta$ Protein is Internalized Selectively by Hippocampal Field CA1 and Causes Neurons to Accumulate Amyloidogenic Carboxyterminal Fragments of the Amyloid Precursor Protein," <i>J. Comp. Neurol.</i> 397:139-147, Wiley-Liss (1998)
dc	AS	2	Bahr, B., and Lynch, G., "Purification of an Arg-Gly-Asp selective matrix receptor from brain synaptic plasma membranes," <i>Biochem. J.</i> 281:137-142, The Biochemical Society/Portland Press (1992)
dc	AT	2	Bahr, B.A., et al., "Fibronectin binding by brain synaptosomal membranes may not involve conventional integrins," <i>Neuroreport</i> 2:13-16, Rapid Communications of Oxford (1991)

EXAMINER

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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

dc	AR	3	Bahr, B.A., et al., "Arg-Gly-Asp-Ser-Selective Adhesion and the Stabilization of Long-Term Potentiation: Pharmacological Studies and the Characterization of a Candidate Matrix Receptor," <i>J. Neurosci.</i> 17:1320-1329, Society for Neuroscience (1997)
dc	AS	3	Bahr, B.A., "Integrin-Type Signaling Has a Distinct Influence on NMDA-Induced Cytoskeletal Disassembly," <i>J. Neurosci. Res.</i> 59:827-832, Wiley-Liss (March 2000)
dc	AT	3	Bard, F., et al., "Peripherally administered antibodies against amyloid $\beta$ -peptide enter the central nervous system and reduce pathology in a mouse model of Alzheimer disease," <i>Nat. Med.</i> 6:916-919, Nature America Inc. (August 2000)

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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>de</i>	AR	<u>4</u>	Barrett, A.J., and Kirschke, H., "Cathepsin B, Cathepsin H, and Cathepsin L," Meth. Enzymol. 80:535-561, Academic Press (1981)
<i>de</i>	AS	<u>4</u>	Beattie, E.C., et al., "Regulation of AMPA receptor endocytosis by a signaling mechanism shared with LTD," Nat. Neurosci. 3:1291-1300, Nature America Inc. (December 2000)
<i>de</i>	AT	<u>4</u>	Bednarski, E., and Lynch, G., "Cytosolic Proteolysis of $\tau$ by Cathepsin D in Hippocampus Following Suppression of Cathepsins B and L," J. Neurochem. 67:1846-1855, Lippincott-Raven Publishers (1996)

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<i>de</i>	AR	<u>5</u>	Bednarski, E., and Lynch, G., "Selective suppression of cathepsin L results from elevations in lysosomal pH and is followed by proteolysis of tau protein," NeuroReport 9:2089-2094, Rapid Science (1998)
<i>de</i>	AS	<u>5</u>	Bi, X., et al., "Polarized Distribution of $\alpha 5$ Integrin in Dendrites of Hippocampal and Cortical Neurons," J. Comp. Neurol. 435:184-193, Wiley-Liss (June 2001)
<i>de</i>	AT	<u>5</u>	Bi, X., et al., "Novel Cathepsin D Inhibitors Block the Formation of Hyperphosphorylated Tau Fragments in Hippocampus," J. Neurochem. 74:1469-1477, Lippincott Williams & Wilkins (April 2000)

EXAMINER

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<i>dc</i>	AR	<u>6</u>	Brion, J.-P., et al., "Neurofilament Monoclonal Antibodies RT97 and 8D8 Recognize Different Modified Epitopes in Paired Helical Filament- $\tau$ in Alzheimer's Disease," <i>J. Neurochem.</i> 60:1372-1382, Raven Press (1993)
<i>dc</i>	AS	<u>6</u>	Bruce, A.J., et al., " $\beta$ -Amyloid toxicity in organotypic hippocampal cultures: Protection by EUK-8, a synthetic catalytic free radical scavenger," <i>Proc. Natl. Acad. Sci. USA</i> 93:2312-2316, National Academy of Sciences (1996)
<i>dc</i>	AT	<u>6</u>	Burkin, D.J., et al., "A Functional Role for Specific Spliced Variants of the $\alpha 7 \beta 1$ Integrin in Acetylcholine Receptor Clustering," <i>J. Cell Biol.</i> 143:1067-1075, The Rockefeller University Press (1998)

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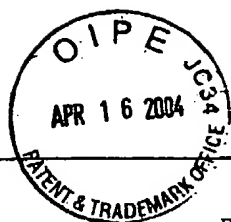
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dc	AR	2	Burnashev, N., et al., "Control of Asparagine Residues of Calcium Permeability and Magnesium Blockade in the NMDA Receptor," <i>Science</i> 257:1415-1419, American Association for the Advancement of Science (1992)				
dc	AS	2	Busciglio, J., et al., "Generation of $\beta$ -amyloid in the secretory pathway in neuronal and nonneuronal cells," <i>Proc. Natl. Acad. Sci. USA</i> 90:2092-2096, National Academy of Sciences (1993)				
dc	AT	2	Callahan, L.M., et al., "Quantitative Decrease in Synaptophysin Message Expression and Increase in Cathepsin D Message Expression in Alzheimer Disease Neurons Containing Neurofibrillary Tangles," <i>J. Neuropathol. Exp. Neurol.</i> 58:275-287, American Association of Neuropathologists (March 1999)				

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<i>dc</i>	AR	8	Carroll, R.C., et al., "Dynamin-dependent endocytosis of ionotropic glutamate receptors," <i>Proc. Natl. Acad. Sci. USA</i> 96:14112-14117, National Academy of Sciences (November 1999)
<i>dc</i>	AS	8	Caswell, M.D., et al., "The amyloid $\beta$ -protein precursor of Alzheimer's disease is degraded extracellularly by a Kunitz protease inhibitor domain-sensitive trypsin-like serine protease in cultures of chick sympathetic neurons," <i>Eur. J. Biochem.</i> 266:509-516, Blackwell Science (December 1999)
<i>dc</i>	AT	8	Cataldo, A.M., et al., "Gene Expression and Cellular Content of Cathepsin D in Alzheimer's Disease Brain: Evidence for Early Up-Regulation of the Endosomal-Lysosomal System," <i>Neuron</i> 14:671-680, Cell Press (1995)

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de	AR	2	Chavis, P., and Westbrook, G., "Integrins mediate functional pre- and postsynaptic maturation at a hippocampal synapse," <i>Nature</i> 411:317-321, Nature Publishing Group (May 2001)
de	AS	2	Chazot, P.L., "CP-101606," <i>Curr. Opin. Investig. Drugs</i> 1:370-374, PharmaPress (November 2000)
de	AT	2	Chen, C., et al., "'Analogous' Organic Synthesis of Small-Compound Libraries: Validation of Combinatorial Chemistry in Small-Molecule Synthesis," <i>J. Am. Chem. Soc.</i> 116:2661-2662, American Chemical Society (1994)

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<i>dc</i>	AR	<u>10</u>	Chun, D., et al., "Evidence that Integrins Contribute to Multiple Stages in the Consolidation of Long Term Potentiation in Rat Hippocampus," <i>Neurosci.</i> 105:815-829, Elsevier Science (August 2001)
<i>dc</i>	AS	<u>10</u>	Cotran, R.S., et al., "Forebrain Anomalies," in <i>Robbins Pathologic Basis of Disease</i> , 6 <sup>th</sup> ed., Schmitt, B., ed., W.B. Saunders Co., Philadelphia, PA, p. 1300-1301 (1998)
<i>dc</i>	AT	<u>10</u>	Cotran, R.S., et al., "Neurofibrillary tangles," in <i>Robbins Pathologic Basis of Disease</i> , 6 <sup>th</sup> ed., Schmitt, B., ed., W.B. Saunders Co., Philadelphia, PA, p.1330 (1998)

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## U.S. PATENT DOCUMENTS

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	AA						
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	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

dc	AR	11	Cras, P., et al., "Microglia are associated with the extracellular neurofibrillary tangles of Alzheimer disease," <i>Brain Res.</i> 558:312-314, Elsevier Science B.V. (1991)
dc	AS	11	Dunah, A.W., et al., " $\alpha$ -Actinin-2 in rat striatum: localization and interaction with NMDA glutamate receptor subunits," <i>Brain Res. Mol. Brain Res.</i> 79:77-87, Elsevier Science B.V. (June 2000)
dc	AT	11	Ehlers, M.D., "Reinsertion or Degradation of AMPA Receptors Determined Activity-Dependent Endocytic Sorting," <i>Neuron</i> 28:511-525, Cell Press (November 2000)

EXAMINER

Deborah Cronch

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dc	AR	12	Fox, N., et al., "Seeing what Alzheimer saw-with magnetic resonance microscopy," Nat. Med. 6:20-21, Nature America (January 2000)
dc	AS	12	Frenkel, D., et al., "Immunization against Alzheimer's $\beta$ -amyloid plaques via EFRH phage administration," Proc. Natl. Acad. Sci. USA 97:11455-11459, National Academy of Sciences (October 2000)
dc	AT	12	Games, D., et al., "Lack of Alzheimer Pathology After $\beta$ -Amyloid Protein Injections in Rat Brain," Neurobiol. Aging 13:569-576, Pergamon Press (1992)

EXAMINER *Deborah Cronch*DATE CONSIDERED *6/28/04*

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<i>de</i>	AR	13	Ghisso, J., et al., "A 109-amino-acid C-terminal fragment of Alzheimer's-disease amyloid precursor protein contains a sequence, -RHDS-, that promotes cell adhesion," <i>Biochem. J.</i> 288:1053-1059, Portland Press (1992)
<i>de</i>	AS	13	Ginsberg, S.D., et al., "Expression Profile of Transcripts in Alzheimer's Disease Tangle-Bearing CA1 Neurons," <i>Ann. Neurol.</i> 48:77-87, Lippincott Williams & Wilkins (July 2000)
<i>de</i>	AT	13	Gordon, I., et al., "Memory deficits and cholinergic impairments in apolipoprotein E-deficient mice," <i>Neurosci. Lett.</i> 199:1-4, Elsevier Science Ireland (1995)

EXAMINER

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dc	AR	14	Gottlieb, T.A., et al., "Actin Microfilaments Play a Critical Role in Endocytosis at the Apical but not the Basolateral Surface of Polarized Epithelial Cells," J. Cell Biol. 120:695-710, The Rockefeller University Press (1993)
dc	AS	14	Gouras, G.K., et al., "Intraneuronal A $\beta$ 42 Accumulation in Human Brain," Am. J. Pathol. 156:15-20, American Society for Investigative Pathology (January 2000)
dc	AT	14	Guénette, S.Y., and Tanzi, R.E., "Progress toward valid transgenic mouse models for Alzheimer's disease," Neurobiol. Aging 20:201-211, Elsevier Science (March-April 1999)

EXAMINER

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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

dc	AR	15	Haass, C., et al., "Mutations Associated with a Locus for Familial Alzheimer's Disease Result in Alternative Processing of Amyloid $\beta$ -Protein Precursor," <i>J. Biol. Chem.</i> 269:17741-17748, The American Society for Biochemistry and Molecular Biology (1994)
dc	AS	15	Haass, C., et al., "Targeting of cell-surface $\beta$ -amyloid precursor protein to lysosomes: alternative processing into amyloid-bearing fragments," <i>Nature</i> 357:500-503, Macmillan Magazines (1992)
dc	AT	15	Harper, J.D., and Lansbury, Jr., P.T., "Models of Amyloid Seeding in Alzheimer's Disease and Scrapie: Mechanistic Truths and Physiological Consequences of the Time-Dependent Solubility of Amyloid Proteins," <i>Annu. Rev. Biochem.</i> 66:385-407, Annual Reviews Inc. (1997)

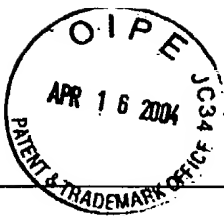
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
dc	AR	16	Harris-White, M.E., et al., "Effects of Transforming Growth Factor- $\beta$ (Isoforms 1-3) on Amyloid- $\beta$ Deposition, Inflammation, and Cell Targeting in Organotypic Hippocampal Slice Cultures," J. Neurosci 18:10366-10374, Society for Neuroscience (1998)
dc	AS	16	Hoffman, K.B., et al., " $\beta$ -Amyloid increases cathepsin D levels in hippocampus," Neurosci. Lett. 250:75-78, Elsevier Science Ireland (1998)
dc	AT	16	Hsia, A.Y., et al., "Plaque-independent disruption of neural circuits in Alzheimer's disease mouse models," Proc. Natl. Acad. Sci. USA 96:3228-3233, National Academy of Sciences (March 1999)

EXAMINER <i>Deborah Cronch</i>	DATE CONSIDERED 6/28/04
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	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

dc	AR	17	Huang, T.-F., "What have snakes taught us about integrins," <i>Cell. Mol. Life Sci.</i> 54:527-540, Birkhäuser Verlag (1998)
dc	AS	17	Huse, W.D., et al., "Generation of a Large Combinatorial Library of the Immunoglobulin Repertoire in Phage Lambda," <i>Science</i> 246:1275-1281, American Association for the Advancement of Science (1989)
dc	AT	17	Isberg, R.R., and Tran Van Nhieu, G., "Binding and internalization of microorganisms by integrin receptors," <i>Trends Microbiol.</i> 2:10-14, Elsevier Science (1994)

EXAMINER

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<i>dc</i>	AR	<u>18</u>	Iwata, N., et al., "Identification of the major A $\beta$ <sub>1-42</sub> -degrading catabolic pathway in brain parenchyma: Suppression leads to biochemical and pathological deposition," Nat. Med. 6:143-150, Nature America Inc. (February 2000)
<i>dc</i>	AS	<u>18</u>	Janus, C., et al., "Transgenic mouse models of Alzheimer's disease," Biochim. Biophys. Acta 1502:63-75, Elsevier Science B.V. (July 2000)
<i>dc</i>	AT	<u>18</u>	Kang, J., et al., "The precursor of Alzheimer's disease amyloid A4 protein resembles a cell-surface receptor," Nature 325:733-736, Macmillan Journals (1987)

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<i>de</i>	AR	19	Kato, H., et al., "Graded expression of immunomolecules on activated microglia in the hippocampus following ischemic in a rat model of ischemic tolerance," <i>Brain Res.</i> 694:85-93, Elsevier Science B.V. (1995)
<i>de</i>	AS	19	Köhler, G., and Milstein, C., "Continuous cultures of fused cells secreting antibody of predefined specificity," <i>Nature</i> 256:495-497, Macmillan Journals (1975)
<i>de</i>	AT	19	Kuo, Y.-M., et al., "Water-soluble A $\beta$ (N-40, N-42) Oligomers in Normal and Alzheimer Disease Brains," <i>J. Biol. Chem.</i> 271:4077-4081, The American Society for Biochemistry and Molecular Biology (1996)

EXAMINER

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<i>de</i>	AR	<u>20</u>	Labat-Robert, J., "Cell-Matrix Interaction, Alterations with Aging, Involvement in Angiogenesis," <i>Pathol. Biol. (Paris)</i> 46:527-533, Expansion Scientifique Francaise (1998)
<i>de</i>	AS	<u>20</u>	Le Varlet, B., et al., "Age-Related Functional and Structural Changes in Human Dermo-Epidermal Junction Components," <i>J. Investig. Dermatol. Symp. Proc.</i> 3:172-179, The Society for Investigative Dermatology, Inc. (1998)
<i>de</i>	AT	<u>20</u>	Marsh, M., and McMahon, H.T., "The Structural Era of Endocytosis," <i>Science</i> 285:215-220, American Association for the Advancement of Science (July 1999)

EXAMINER <i>Deborah D. Crunch</i>	DATE CONSIDERED <i>6/28/04</i>
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	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

de	AR	21	Matter, M.L., et al., "The $\alpha 5 \beta 1$ Integrin Mediates Elimination of Amyloid- $\beta$ Peptide and Protects Against Apoptosis," <i>J. Cell. Biol.</i> 141:1019-1030, The Rockefeller University Press (1998)
de	AS	21	Miller, D.L., et al., "Peptide Compositions of the Cerebrovascular and Senile Plaque Core Amyloid Deposits of Alzheimer's Disease," <i>Arch. Biochem. Biophys.</i> 301:41-52, Academic Press (1993)
de	AT	21	Morgan, D., et al., "A $\beta$ peptide vaccination prevents memory loss in an animal model of Alzheimer's disease," <i>Nature</i> 408:982-985, Nature Publishing Group (December 2000)

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	AP						Yes No

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dc	AR	22	Morris, J.C., "The Clinical Dementia Rating (CDR): Current version and scoring rules," <i>Neurology</i> 43:2412-2414, Advanstar Communications (1993)
dc	AS	22	Mucke, L., et al., "High-Level Neuronal Expression of A $\beta$ <sub>1-42</sub> in Wild-Type Human Amyloid Protein Precursor Transgenic Mice: Synaptotoxicity without Plaque Formation," <i>J. Neurosci.</i> 20:4050-4058, Society for Neuroscience (June 2000)
dc	AT	22	Mueller, A.L., et al., "NPS 1506, A Novel NMDA Receptor Antagonist and Neuroprotectant," <i>Ann. N.Y. Acad. Sci.</i> 890:450-457, New York Academy of Sciences (December 1999)

EXAMINER

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de	AR	23	Muller, D., et al., "Time course of synaptic development in hippocampal organotypic cultures," <i>Dev. Brain Res.</i> 71:93-100, Elsevier Science B.V. (1993)
de	AS	23	Murphy, Jr., G.M., et al., "Expression of Macrophage Colony-Stimulating Factor receptor Is Increased in the A $\beta$ PP <sup>717F</sup> Transgenic Mouse Model of Alzheimer's Disease," <i>Am. J. Pathol.</i> 157:895-904, American Society for Investigative Pathology (September 2000)
de	AT	23	Nakanishi, H., et al., "Age-Related Changes in Activities and Localizations of Cathepsins D, E, B, and L in the Rat Brain Tissues," <i>Exp. Neurol.</i> 126:119-128, Academic Press (1994)

EXAMINER

Deborah Cronch

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<i>de</i>	AR	<u>24</u>	Nathan, B.P., et al., "Apolipoprotein E3- and E4-Induced Differences in Neurite Outgrowth Are Associated with Differences in the Subcellular Localization of Apolipoprotein E," Soc. Neurosci. 20(Part 2):1033, Abs. No. 421.5, Society for Neuroscience (1994)
<i>de</i>	AS	<u>24</u>	NCBI Entrez, Genbank Report, Accession No. D00466, Rajavashisth, T.B., et al. (1993)
<i>de</i>	AT	<u>24</u>	NCBI Entrez, Genbank Report, Accession No. M10065, Das, H.K., et al. (1993)

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INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.  
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	AA						
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	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

dc	AR	25	Nemerow, G.R., and Stewart, P.L., "Role of $\alpha$ , Integrins in Adenovirus Cell Entry and Gene Delivery," Microbiol. Mol. Biol. Rev. 63:725-734, American Society for Microbiology (September 1999)
dc	AS	25	Palmer, G.C., "Neuroprotection by NMDA Receptor Antagonists in a Variety of Neuropathologies," Curr. Drug Targets 2:241-271, Bentham Science Publishers (September 2001)
dc	AT	25	Perlmutter, L.S., et al., "Morphological association between microglia and senile plaque amyloid in Alzheimer's disease," Neurosci. Lett. 119:32-36, Elsevier Scientific Publishers Ireland (1990)

EXAMINER

Deborah Cronch

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	AP						Yes No

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dc	AR	26	Peterson, R.C., et al., "Apolipoprotein E Status as a Predictor of the Development of Alzheimer's Disease in Memory-Impaired Individuals," J. Am. Med. Assoc. 273:1274-1278, American Medical Association (1995)
dc	AS	26	Pierschbacher, M.D., and Ruoslahti, E., "Cell attachment activity of fibronectin can be duplicated by small synthetic fragments of the molecule," Nature 309:30-33, Macmillan Journals (1984)
dc	AT	26	Pinkstaff, J.K., et al., "Integrin Subunit Gene Expression Is Regionally Differentiated in Adult Brain," J. Neurosci. 19:1541-1556, Society for Neuroscience (March 1999)

EXAMINER

*Deborah Cronch*

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dc	AR	27	Plump, A.S., et al., "Severe Hypercholesterolemia and Atherosclerosis in Apolipoprotein E-Deficient Mice Created by Homologous Recombination in ES Cells," Cell 71:343-353, Cell Press (1992)
dc	AS	27	Podlisny, M.B., et al., "Microinjection of Synthetic Amyloid $\beta$ -Protein in Monkey Cerebral Cortex Fails to Produce Acute Neurotoxicity," Am. J. Pathol. 142:17-24, American Society for Investigative Pathology (1993)
dc	AT	27	Porter, J.C., and Hogg, N., "Integrins take partners: cross-talk between integrins and other membrane receptors," Trends Cell Biol. 8:390-396, Elsevier Science (1998)

EXAMINER

*Richard Cronin*

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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

dc	AR	28	Proescholdt, M., et al., "Neuroprotection of S(+) ketamine isomer in global forebrain ischemia," <i>Brain Res.</i> 904:245-251, Elsevier Science B.V. (June 2001)
dc	AS	28	Qiu, W.Q., et al., "Insulin-degrading Enzyme Regulates Extracellular Levels of Amyloid $\beta$ -Protein by Degradation," <i>J. Biol. Chem.</i> 273:32730-32738, The American Society for Biochemistry and Molecular Biology (1998)
dc	AT	28	Rao, V.L.R., et al., "Neuroprotection by memantine, a non-competitive NMDA receptor antagonist after traumatic brain injury in rats," <i>Brain Res.</i> 911:96-100, Elsevier Science B.V. (August 2001)

EXAMINER

Deborah Cronch

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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

dc	AR	29	Ruoslahti, E., "RGD and Other Recognition Sequences for Integrins," Annu. Rev. Cell Dev. Biol. 12:697-715, Annual Reviews Inc. (1996)
dc	AS	29	Sabo, S., et al., "Interaction of beta-amyloid peptides with integrins in a human nerve cell line," Neurosci. Lett. 184:25-28, Elsevier Science Ireland (1995)
dc	AT	29	Schenk, D., et al., "Immunization with amyloid- $\beta$ attenuates Alzheimer-disease-like pathology in the PDAPP mouse," Nature 400:173-177, Macmillan Magazines (July 1999)

EXAMINER <i>Deborah D Cronch</i>	DATE CONSIDERED <i>6/28/04</i>
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dc	AR	30	Scheuner, D., et al., "Secreted amyloid $\beta$ -protein similar to that in the senile plaques of Alzheimer's disease is increased in vivo by the presenilin 1 and 2 and APP mutations linked to familial Alzheimer's disease," Nat. Med. 2:864-870, Nature Publishing Co. (1996)
dc	AS	30	Seiler, C., and Nicolson, T., "Defective Calmodulin-Dependent Rapid Apical Endocytosis in Zebrafish Sensory Hair Cell Mutants," J. Neurobiol. 41:424-434, John Wiley & Sons (November 1999)
dc	AT	30	Selkoe, D.J., "Cell Biology of the Amyloid $\beta$ -Protein Precursor and the Mechanism of Alzheimer's Disease," Annu. Rev. Cell. Biol. 10:373-403, Annual Reviews Inc. (1994)

EXAMINER

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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

dc	AR	31	Selkoe, D.J., "Imaging Alzheimer's amyloid," Nat. Biotechnol. 18:823-824, Nature America (August 2000)
dc	AS	31	Shoji, M., et al., "Production of the Alzheimer Amyloid $\beta$ Protein by Normal Proteolytic Processing," Science 258:126-129, American Association for the Advancement of Science (1992)
dc	AT	31	Steiner, H., et al., "Genes and mechanisms involved in $\beta$ -amyloid generation and Alzheimer's disease," Eur. Arch. Psychiatry Clin. Neurosci. 249:266-270, Springer-Verlag (December 1999)

EXAMINER

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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

de	AR	32	Stoppini, L., et al., "A simple method for organotypic cultures of nervous tissue," J. Neurosci. Meth. 37:173-182, Elsevier Science B.V. (1991)
de	AS	32	Strimmatter, W.J., et al., "Hypothesis: Microtubule Instability and Paired Helical Filament Formation in the Alzheimer Disease Brain Are Related to Apolipoprotein E Genotype," Exp. Neurol. 125:163-171, Academic Press (1994)
de	AT	32	Sturchler-Pierrat, C., and Sommer, B., "Transgenic Animals in Alzheimer's Disease Research," Rev. Neurosci. 10:15-24, Freund & Pettman (January 1999)

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dc	AR	33	Suzuki, N., et al., "An Increased Percentage of Long Amyloid $\beta$ Protein Secreted by Familial Amyloid $\beta$ Protein Precursor ( $\beta$ APP <sub>17</sub> ) Mutants," <i>Science</i> 264:1336-1340, American Association for the Advancement of Science (1994)
dc	AS	33	Torimoto, Y., et al., "A Monoclonal Antibody (8H3) that Binds to Rat T Lineage Cells and Augments In Vitro Proliferative Responses," <i>J. Exp. Med.</i> 172:1315-1323, The Rockefeller University Press (1990)
dc	AT	33	Tsao, P.W., and Mousa, S.A., "Thrombospondin Mediates Calcium Mobilization in Fibroblasts via Its Arg-Gly-Asp and Carboxyl-terminal Domains," <i>J. Biol. Chem.</i> 270:23747-23753, The American Society for Biochemistry and Molecular Biology (1995)

EXAMINER

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	AP						Yes No

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dc	AR	34	van Leuven, F., "Single and multiple transgenic mice as models for Alzheimer's disease," <i>Prog. Neurobiol.</i> 61:305-312, Elsevier Science (June 2000)
dc	AS	34	Vekrellis, K., et al., "Neurons Regulate Extracellular Levels of Amyloid $\beta$ -Protein via Proteolysis by Insulin-Degrading Enzyme," <i>J. Neurosci.</i> 20:1657-1665, Society for Neuroscience (March 2000)
dc	AT	34	Vigo-Pelfrey, C., et al., "Characterization of $\beta$ -Amyloid Peptide from Human Cerebrospinal Fluid," <i>J. Neurochem.</i> 61:1965-1968, Raven Press (1993)

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	AP						Yes No

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<i>de</i>	AR	<u>35</u>	Vincent, I., et al., "Mitotic Phosphoepitopes Precede Paired Helical Filaments in Alzheimer's Disease," <i>Neurobiol. Aging</i> 19:287-296, Elsevier Science (1998)
<i>de</i>	AS	<u>35</u>	Walsh, D.M., et al., "The Oligomerization of Amyloid $\beta$ -Protein Begins Intracellularly in Cells Derived from Human Brain," <i>Biochemistry</i> 39:10831-10839, American Chemical Society (Published on the Web, August 2000)
<i>de</i>	AT	<u>35</u>	Ward, E.S., et al., "Binding activities of a repertoire of single immunoglobulin variable domains secreted from <i>Escherichia coli</i> ," <i>Nature</i> 341:544-546, Macmillan Magazines (1989)

EXAMINER <i>Deborah D. Cronk</i>	DATE CONSIDERED <i>6/28/04</i>
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dc	AR	36	Woods, A.G., et al., "Dexamethasone Selectively Suppresses Microglial Trophic Responses to Hippocampal Deafferentation," <i>Neurosci.</i> 91:1277-1289, Elsevier Science (July 1999)
dc	AS	36	Wu, X., et al., "Modulation of Calcium Current in Arteriolar Smooth Muscle by $\alpha_v\beta_3$ and $\alpha_5\beta_1$ Integrin Ligands," <i>J. Cell Biol.</i> 143:241-252, The Rockefeller University Press (1998)
dc	AT	36	Yamazaki, T., et al., "Cell Surface Amyloid $\beta$ -Protein Precursor Colocalizes with $\beta_1$ Integrins at Substrate Contact Sites in Neural Cells," <i>J. Neurosci.</i> 17:1004-1010, Society for Neuroscience (1997)

EXAMINER

Deborah Crand

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<i>de</i>	AR	37	Yang, A.J., et al., "Loss of Endosomal/Lysosomal Membrane Impermeability Is an Early Event in Amyloid A $\beta$ 1-42 Pathogenesis," J. Neurosci. Res. 52:691-698, Wiley-Liss (1998)
	AS	37	<del>International Search Report for International Patent Application No. PCT/US01/29788, mailed June 21, 2002.</del>
	AT		

EXAMINER

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